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OM nucleic - nucleic search, using sw model

Run on: September 3, 2002, 02:41:25 : Search time 2015.08 seconds  
(without alignments)  
228.469 Million cell updates/sec

Title: US-09-802-359B-1  
Perfect score: 22  
Sequence: 1 tgactgtgaacgttcgagatga 22

Scoring table: IDENTITY\_NUC  
Gapop 10.0, Gapext 1.0

Searched: 1797656 seqs, 10463268293 residues

Total number of hits satisfying chosen parameters: 3595312

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%  
Listing first 45 summaries

Database : GenEmbl:  
1: gb\_ba:\*  
2: gb\_htg:\*  
3: gb\_in:\*  
4: gb\_lm:\*  
5: gb\_ov:\*  
6: gb\_pat:\*  
7: gb\_ph:\*  
8: gb\_pl:\*  
9: gb\_pr:\*  
10: gb\_ro:\*  
11: gb\_sts:\*  
12: gb\_sy:\*  
13: gb\_un:\*  
14: gb\_vl:\*  
15: em\_ba:\*  
16: em\_fun:\*  
17: em\_hum:\*  
18: em\_in:\*  
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27: em\_sts:\*  
28: em\_und:\*  
29: em\_vl:\*  
30: em\_htg\_hum:\*  
31: em\_htg\_inv:\*  
32: em\_htg\_other:\*  
33: em\_htgo\_inv:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Result No. Query Match Score Length DB ID Description

SUMMARIES

RESULT	LOCUS	DEFINITION	ACCESSION	VERSION	KEYWORDS	ORGANISM	REFERENCE	AUTHORS	JOURNAL	FEATURES	BASE COUNT	ORIGIN
1	AX036945	Sequence 2 from Patent FR2790955.	AX036945	AX036945.1	GI:11226373	synthetic construct. artificial sequence.	1 (bases 1 to 22)	Carpentier A, Patent: FR 2790955-A 2 22-SEP-2000;	PUBL HOPITAUX DE PARIS (FR)	location/Qualifiers	6 a	g a c t c g a c t g t g a a c g t t c g a g a t g a
2	AX036945	Sequence 2 from Patent FR2790955.	AX036945	AX036945.1	GI:11226373	synthetic construct. artificial sequence.	1 (bases 1 to 22)	Carpentier A, Patent: FR 2790955-A 2 22-SEP-2000;	PUBL HOPITAUX DE PARIS (FR)	location/Qualifiers	6 a	g a c t c g a c t g t g a a c g t t c g a g a t g a
3	AX083675	Sequence	AX083675			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
4	AX135650	Sequence	AX135650			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
5	AX148636	Sequence	AX148636			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
6	AX250701	Sequence	AX250701			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
7	AX252291	Sequence	AX252291			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
8	AX252509	Sequence	AX252509			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
9	AX252520	Sequence	AX252520			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
10	AX252934	Sequence	AX252934			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
11	AX253113	Sequence	AX253113			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
12	AX253123	Sequence	AX253123			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
13	BD009235	Immunost	BD009235								6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
14	AX250707	Sequence	AX250707			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
15	AX083681	Sequence	AX083681			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
16	AX148642	Sequence	AX148642			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
17	AX252297	Sequence	AX252297			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
18	AX252515	Sequence	AX252515			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
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22	AX253129	Sequence	AX253129			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
23	AR148608	Sequence	AR148608			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
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25	AX083676	Sequence	AX083676			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
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28	AX148639	Sequence	AX148639			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
29	AX250702	Sequence	AX250702			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
30	AX250704	Sequence	AX250704			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
31	AX250708	Sequence	AX250708			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
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33	AX252294	Sequence	AX252294			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
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35	AX252512	Sequence	AX252512			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
36	AX252521	Sequence	AX252521			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
37	AX252523	Sequence	AX252523			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
38	AX252935	Sequence	AX252935			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
39	AX252937	Sequence	AX252937			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
40	AX253114	Sequence	AX253114			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
41	AX253116	Sequence	AX253116			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
42	AX253124	Sequence	AX253124			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
43	AX253126	Sequence	AX253126			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
44	AX148643	Sequence	AX148643			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a
45	AX252527	Sequence	AX252527			synthetic construct.					6 t	g a c t c g a c t g t g a a c g t t c g a g a t g a

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AX036945  
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Linear PART 16-NOV-2000

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Oy 1 tgactgtgaacgttcgagatga 22  
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 Db 1 TGACTGTGAACGTTTCGAGATGA 22

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 AX046993 22 bp DNA linear PAT 15-DEC-2000

LOCUS AX046993  
 DEFINITION Sequence 2 from Patent WO0067787.  
 ACCESSION AX046993  
 VERSION AX046993.1 GI:11876420

KEYWORDS  
 SOURCE synthetic construct.  
 ORGANISM synthetic construct.  
 REFERENCE Moss, R.B.  
 AUTHORS Moss, R.B.  
 TITLE HIV immunogenic compositions and methods  
 JOURNAL Patent: WO 0067787-A 2 16-NOV-2000;  
 THE IMMUNE RESPONSE CORPORATION (US)

FEATURES  
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 Db 1 TGACTGTGAACGTTTCGAGATGA 22

RESULT 3  
 AX083675 22 bp DNA linear PAT 28-FEB-2001

LOCUS AX083675  
 DEFINITION Sequence 1 from Patent WO0112223.  
 ACCESSION AX083675  
 VERSION AX083675.1 GI:1185407

KEYWORDS  
 SOURCE synthetic construct.  
 ORGANISM synthetic construct.  
 REFERENCE van Nest, G.  
 AUTHORS van Nest, G.  
 TITLE Methods of modulating an immune response using immunostimulatory s  
 JOURNAL enquences and compositions for use therein  
 DYNAMAV Patent: WO 0112223-A 1 22-FEB-2001;  
 Dynavax Technologies Corporation (US)

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Db 1 TGACTGTGAACGTTTCGAGATGA 22  
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RESULT 4  
 AX135650 22 bp DNA linear PAT 29-MAY-2001

LOCUS AX135650  
 DEFINITION Sequence 21 from Patent WO0132877.  
 ACCESSION AX135650  
 VERSION AX135650.1 GI:14271920

KEYWORDS  
 SOURCE synthetic construct.  
 ORGANISM synthetic construct.  
 REFERENCE MacKichan, M.L.  
 AUTHORS MacKichan, M.L.  
 TITLE Cpg receptor (cpg-r) and methods relating thereto  
 JOURNAL Patent: WO 0132877-A 21 10-MAY-2001;  
 CHIRON CORPORATION (US)

FEATURES  
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RESULT 5  
 AX148636 22 bp DNA linear PAT 08-JUN-2001

LOCUS AX148636  
 DEFINITION Sequence 1 from Patent WO0135991.  
 ACCESSION AX148636  
 VERSION AX148636.1 GI:14347254

KEYWORDS  
 SOURCE synthetic construct.  
 ORGANISM synthetic construct.  
 REFERENCE Tuck, S. and van Nest, G.  
 AUTHORS Tuck, S. and van Nest, G.  
 TITLE Immunomodulatory compositions containing an immunostimulatory  
 JOURNAL sequence linked to antigen and methods of use thereof  
 DYNAMAV Patent: WO 0135991-A 1 25-MAY-2001;  
 Dynavax Technologies Corporation (US)

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RESULT 6  
 AX250701

LOCUS AX250701 22 bp DNA Linear PAT 06-OCT-2001  
 DEFINITION Sequence 1 from Patent WO0168078.  
 ACCESSION AX250701  
 VERSION AX250701.1 GI:15984439

KEYWORDS synthetic construct.  
 SOURCE synthetic construct  
 ORGANISM artificial sequence.  
 REFERENCE 1 (bases 1 to 22)  
 AUTHORS van Nest,G.

TITLE Methods of suppressing hepatitis virus infection using immunomodulatory polynucleotide sequences

JOURNAL Patent: WO 0168078-A 1 20-SEP-2001;

FEATURES Dynavax Technologies Corporation (US)  
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RESULT 7  
 AX252291 22 bp DNA Linear PAT 05-OCT-2001  
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 DEFINITION Sequence 1 from Patent W00168117.  
 ACCESSION AX252291  
 VERSION AX252291.1 GI:15985632

KEYWORDS synthetic construct.  
 SOURCE synthetic construct  
 ORGANISM artificial sequence.  
 REFERENCE 1 (bases 1 to 22)  
 AUTHORS van Nest,G.  
 TITLE Methods of reducing papillomavirus infection using immunomodulatory polynucleotide sequences

JOURNAL Patent: WO 0168117-A 1 20-SEP-2001;  
 FEATURES Dynavax Technologies Corporation (US)  
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BASE COUNT 6 a 3 c 7 g 6 t  
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Oy 1 tgactgtgaacgttcgagatga 22  
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 Db 1 TGACTGTGAACGTTGAGATGA 22

RESULT 8  
 AX252509 22 bp DNA Linear PAT 05-OCT-2001  
 LOCUS AX252509  
 DEFINITION Sequence 1 from Patent W00168103.  
 ACCESSION AX252509  
 VERSION AX252509.1 GI:15985780  
 KEYWORDS synthetic construct.  
 SOURCE synthetic construct.

ORGANISM synthetic construct.  
 REFERENCE 1 (bases 1 to 22)  
 AUTHORS van Nest,G.  
 TITLE Methods of ameliorating symptoms of herpes infection using immunomodulatory polynucleotide sequences

JOURNAL Patent: WO 0168103-A 1 20-SEP-2001;  
 FEATURES Dynavax Technologies Corporation (US)  
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 Db 1 TGACTGTGAACGTTGAGATGA 22

RESULT 9  
 AX252520 22 bp DNA Linear PAT 05-OCT-2001  
 LOCUS AX252520  
 DEFINITION Sequence 1 from Patent W00168144.  
 ACCESSION AX252520  
 VERSION AX252520.1 GI:15985791

KEYWORDS synthetic construct.  
 SOURCE synthetic construct  
 ORGANISM artificial sequence.  
 REFERENCE 1 (bases 1 to 22)  
 AUTHORS van Nest,G. and Tuck,S.  
 TITLE Biodegradable immunomodulatory formulations and methods for use thereof

JOURNAL Patent: WO 0168144-A 1 20-SEP-2001;  
 FEATURES Dynavax Technologies Corporation (US)  
 source Location/Qualifiers

BASE COUNT 6 a 3 c 7 g 6 t  
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 DEFINITION Sequence 1 from Patent W00168143.  
 ACCESSION AX252934  
 VERSION AX252934.1 GI:15986201  
 KEYWORDS synthetic construct.  
 SOURCE synthetic construct  
 ORGANISM artificial sequence.  
 REFERENCE 1 (bases 1 to 22)  
 AUTHORS van Nest,G. and Tuck,S.  
 TITLE Immunomodulatory formulations and methods for use thereof

JOURNAL Patent: WO 0168143-A 1 20-SEP-2001.  
 DYNAAVAX TECHNOLOGIES CORPORATION (US)  
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BASE COUNT 6 a 3 c 7 g 6 t  
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RESULT 11 AX253113 22 bp DNA linear PAT 05-OCT-2001

LOCUS AX253113  
 DEFINITION Sequence 1 from Patent W00168116.  
 ACCESSION AX253113  
 VERSION AX253113.1 GI:15986281  
 KEYWORDS synthetic construct.  
 SOURCE artificial construct.  
 ORGANISM artificial sequence.  
 REFERENCE 1 (bases 1 to 22)  
 AUTHORS van Nest,G.  
 TITLE Methods of preventing and treating respiratory viral infection us1

JOURNAL Patent: WO 0168116-A 1 20-SEP-2001;  
 DYNAAVAX TECHNOLOGIES CORPORATION (US)  
 LOCATION/QUALIFIERS  
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 Db 1 TGAAGTGTGAACGTTTCGAGATGA 22

RESULT 12 AX253123 22 bp DNA linear PAT 05-OCT-2001

LOCUS AX253123  
 DEFINITION Sequence 1 from Patent W00168077.  
 ACCESSION AX253123  
 VERSION AX253123.1 GI:15986291  
 KEYWORDS synthetic construct.  
 SOURCE artificial construct.  
 ORGANISM artificial sequence.  
 REFERENCE 1 (bases 1 to 22)  
 AUTHORS van Nest,G.  
 TITLE Methods of preventing and treating viral infections using

JOURNAL Patent: WO 0168077-A 1 20-SEP-2001;  
 DYNAAVAX TECHNOLOGIES CORPORATION (US)  
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RESULT 13 BD009235 22 bp DNA linear PAT 31-JAN-2002

LOCUS BD009235  
 DEFINITION Immunostimulatory polynucleotide/immunomodulatory molecule  
 conjugates.  
 ACCESSION BD009235  
 VERSION BD009235.1 GI:18637608  
 KEYWORDS JP 2001503254-A/34.  
 SOURCE synthetic construct.  
 ORGANISM synthetic construct.  
 REFERENCE 1 (bases 1 to 22)  
 AUTHORS Carson,D.A., Raz,E. and Roman,M.  
 TITLE Immunostimulatory polynucleotide/immunomodulatory molecule

JOURNAL Patent: JP 2001503254-A 34.13-MAR-2001;  
 THE REGENTS OF THE UNIVERSITY OF CALIFORNIA  
 COMMENT OS Artificial Sequence  
 PN JP 2001503254-A/34  
 PD 13-MAR-2001  
 PE 09-OCT-1997 JP 1998518649  
 PR 11-OCT-1996 US 60/028118  
 PT DENNIS A CARSON, EYAL RAZ, MARK ROMAN  
 PC A61K39/00,A61K39/385,A61K39/39  
 CC CC  
 FH FT  
 FT Key source Location/Qualifiers

FEATURES  
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 KEYWORDS synthetic construct.  
 SOURCE artificial construct.  
 ORGANISM artificial sequence.  
 REFERENCE 1 (bases 1 to 22)  
 AUTHORS van Nest,G.  
 TITLE Methods of suppressing hepatitis virus infection using

JOURNAL Patent: WO 0168078-A 1 20-SEP-2001;  
 DYNAAVAX TECHNOLOGIES CORPORATION (US)  
 LOCATION/QUALIFIERS  
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 SOURCE /organism="synthetic construct"

JOURNAL Patent: WO 0168078-A 7 20-SEP-2001;  
 Dynavax Technologies Corporation (US)  
 FEATURES Location/Qualifiers  
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RESULT 15

AX083681 AX083681 22 bp DNA Linear PAT 28-FEB-2001  
 LOCUS  
 DEFINITION Sequence 7 from Patent W00112223.  
 ACCESSION AX083681  
 VERSION AX083681.1 GI:13185413  
 KEYWORDS  
 SOURCE synthetic construct.  
 ORGANISM synthetic construct  
 artificial sequence.

REFERENCE 1 (bases 1 to 22)  
 AUTHORS van Nest G.  
 TITLE Methods of modulating an immune response using immunostimulatory s  
 equences and compositions for use therein  
 JOURNAL Patent: WO 0112223-A 7 22-FEB-2001;  
 Dynavax Technologies Corporation (US)  
 FEATURES Location/Qualifiers  
 source 1..22

modified\_base /organism="synthetic construct"  
 /db\_xref="taxon:32630"  
 11  
 /note="5-bromocytosine"

BASE COUNT 6 a 2 c 7 g 6 t 1 others  
 ORIGIN

Query Match 95.5%; Score 21; DB 6; Length 22;  
 Best Local Similarity 95.5%; Pred. No. 0.9;  
 Matches 21: Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1 tgactgtgaagcttcgagatga 22  
 |||  
 Db 1 TGACTGTGANNGTTCGAGATGA 22

Search completed: September 3, 2002, 04:24:03  
 Job time: 6158 sec

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